

#13

OIPE

RAW SEQUENCE LISTING

DATE: 06/20/2001

PATENT APPLICATION: US/09/450,651A

TIME: 14:18:57

Input Set : A:\09450,651SeqList.txt

Output Set: N:\CRF3\06202001\I450651A.raw

ENTERED

2 <110> APPLICANT: Andersson, Lief
 3 Kijas, James
 4 Guiffra, Elisabetta
 5 Evans, Gary Jon
 6 Wales, Richard
 7 Plastow, Graham Stuart
 9 <120> TITLE OF INVENTION: METHODS FOR ANALYSING ANIMAL PRODUCTS
 12 <130> FILE REFERENCE:,A33615 064727.0108
 14 <140> CURRENT APPLICATION NUMBER: 09/450,651A
 C--> 15 <141> CURRENT FILING DATE: 2001-06-04
 17 <150> PRIOR APPLICATION NUMBER: GB 9711214.8
 18 <151> PRIOR FILING DATE: 1997-05-30
 20 <150> PRIOR APPLICATION NUMBER: GB 9801990
 21 <151> PRIOR FILING DATE: 1998-01-31
 23 <160> NUMBER OF SEQ ID NOS: 53
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 37
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Artificial Sequence
 32 <220> FEATURE:
 33 <223> OTHER INFORMATION: aMSHR Forward Primer 1
 35 <400> SEQUENCE: 1
 36 tgtaaaacga cggccagtrg tgcctggagg tgtccat 37
 38 <210> SEQ ID NO: 2
 39 <211> LENGTH: 24
 40 <212> TYPE: DNA
 41 <213> ORGANISM: Artificial Sequence
 43 <220> FEATURE:
 44 <223> OTHER INFORMATION: aMSHR Reverse Primer 5
 46 <400> SEQUENCE: 2
 47 cgcccagatg gccgcgatgg accg 24
 49 <210> SEQ ID NO: 3
 50 <211> LENGTH: 24
 51 <212> TYPE: DNA
 52 <213> ORGANISM: Artificial Sequence
 54 <220> FEATURE:
 55 <223> OTHER INFORMATION: aMSHR Forward Primer 2
 57 <400> SEQUENCE: 3
 58 cggccatctg ggcgggcagc gtgc 24
 60 <210> SEQ ID NO: 4
 61 <211> LENGTH: 24
 62 <212> TYPE: DNA
 63 <213> ORGANISM: Artificial Sequence
 65 <220> FEATURE:
 66 <223> OTHER INFORMATION: aMSHR Reverse Primer 2
 68 <400> SEQUENCE: 4

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69 ggaagggcgta gatgagggggg tocca . 24
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 24
73 <212> TYPE: DNA
74 <213> ORGANISM: Pig
76 <220> FEATURE:
77 <221> NAME/KEY: misc_feature
78 <222> LOCATION: (0)...(0)
79 <223> OTHER INFORMATION: aMSHR Forward Primer 3
81 <400> SEQUENCE: 5
82 gcacatcgcc cggctccaca agac 24
84 <210> SEQ ID NO: 6
85 <211> LENGTH: 24
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: aMSHR Reverse Primer 3
92 <400> SEQUENCE: 6
93 gggggcagagg acgacgaggg agag 24
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 30
97 <212> TYPE: DNA
98 <213> ORGANISM: Pig
100 <220> FEATURE:
101 <221> NAME/KEY: misc_feature
102 <222> LOCATION: (0)...(0)
103 <223> OTHER INFORMATION: LA93 forward primer
105 <400> SEQUENCE: 7
106 gagcagcccc taccgccgaa tgccagttga 30
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 40
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: KIT56 reverse primer
116 <400> SEQUENCE: 8
117 ctttaaaaca gaacataaaa gcggaaacat catgcgaagg 40
119 <210> SEQ ID NO: 9
120 <211> LENGTH: 24
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Oligonucleotide primer
127 <400> SEQUENCE: 9
128 cgcccagatg gccgcgatgg accg 24
130 <210> SEQ ID NO: 10
131 <211> LENGTH: 27
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence

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135 <220> FEATURE:
136 <223> OTHER INFORMATION: aMSHR Forward Primer 4
138 <400> SEQUENCE: 10
139 tgcgctacca cagcatcgtg accctgc 27
141 <210> SEQ ID NO: 11
142 <211> LENGTH: 24
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: aMSHR Reverse Primer 4
149 <400> SEQUENCE: 11
150 gtagtaggcg atgaagagcg tgct 24
152 <210> SEQ ID NO: 12
153 <211> LENGTH: 22
154 <212> TYPE: DNA
155 <213> ORGANISM: Pig
157 <220> FEATURE:
158 <221> NAME/KEY: misc_feature
159 <222> LOCATION: (0)...(0)
160 <223> OTHER INFORMATION: Example 6 forward primer
162 <400> SEQUENCE: 12
163 ctgcctggcc gtgtcggacc tg 22
165 <210> SEQ ID NO: 13
166 <211> LENGTH: 24
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Example 6 reverse primer
173 <400> SEQUENCE: 13
174 ctgtggtagc gcagcgcgta gaag 24
176 <210> SEQ ID NO: 14
177 <211> LENGTH: 20
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
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182 <223> OTHER INFORMATION: Example 7 primer
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185 tgaggtagga gagttttggg 20
187 <210> SEQ ID NO: 15
188 <211> LENGTH: 20
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Example 7 primer
195 <400> SEQUENCE: 15
196 tcgaaattga ggggaagacc 20
198 <210> SEQ ID NO: 16
199 <211> LENGTH: 22
200 <212> TYPE: DNA

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201 <213> ORGANISM: Pig
203 <220> FEATURE:
204 <221> NAME/KEY: misc_feature
205 <222> LOCATION: (0)...(0)
206 <223> OTHER INFORMATION: KIT21 forward primer
208 <400> SEQUENCE: 16
209 gtattcacag agacttggcg gc 22
211 <210> SEQ ID NO: 17
212 <211> LENGTH: 26
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: KIT35 reverse primer
219 <400> SEQUENCE: 17
220 aaacctgcaa ggaaaatcct tcacgg 26
222 <210> SEQ ID NO: 18
223 <211> LENGTH: 25
224 <212> TYPE: DNA
225 <213> ORGANISM: Pig
227 <220> FEATURE:
228 <221> NAME/KEY: misc_feature
229 <222> LOCATION: (0)...(0)
230 <223> OTHER INFORMATION: Example 12 KIT forward primer
232 <400> SEQUENCE: 18
233 gaatattggt gctatgggtga tctcc 25
235 <210> SEQ ID NO: 19
236 <211> LENGTH: 22
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Example 12 KIT reverse primer
243 <400> SEQUENCE: 19
244 ccgcttctgc gtgatcttcc tg 22
246 <210> SEQ ID NO: 20
247 <211> LENGTH: 22
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Example 12 CRC forward primer
254 <400> SEQUENCE: 20
255 ctggatgtcc tgtgttccct gt 22
257 <210> SEQ ID NO: 21
258 <211> LENGTH: 23
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Example 12 CRC reverse primer
265 <400> SEQUENCE: 21
266 aggtttgtct gcagcagaag etc 23

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RAW SEQUENCE LISTING

DATE: 06/20/2001

PATENT APPLICATION: US/09/450,651A

TIME: 14:18:57

Input Set : A:\09450,651SeqList.txt

Output Set: N:\CRF3\06202001\I450651A.raw

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268 <210> SEQ ID NO: 22
269 <211> LENGTH: 26
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Example 14 KITDEL2-FOR forward primer
276 <400> SEQUENCE: 22
277 gaaagtgayg tctggtccta tsggat 26
279 <210> SEQ ID NO: 23
280 <211> LENGTH: 23
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Example 14 KITDEL2-REV reverse primer
287 <400> SEQUENCE: 23
288 agccttcctt gatcatcttg tag 23
290 <210> SEQ ID NO: 24
291 <211> LENGTH: 22
292 <212> TYPE: DNA
293 <213> ORGANISM: Pig
295 <220> FEATURE:
296 <221> NAME/KEY: misc_feature
297 <222> LOCATION: (0)...(0)
298 <223> OTHER INFORMATION: Example 15 KITDEL1-FOR forward primer
300 <400> SEQUENCE: 24
301 tgtgggagct cttctcttta gg 22
303 <210> SEQ ID NO: 25
304 <211> LENGTH: 23
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Example 15 KITDEL1-REV reverse primer
311 <400> SEQUENCE: 25
312 ccagcaggac aatgggaaca tct 23
314 <210> SEQ ID NO: 26
315 <211> LENGTH: 22
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: KIT40 primer
322 <400> SEQUENCE: 26
323 ggctctgggg gctcggttt gc 22
325 <210> SEQ ID NO: 27
326 <211> LENGTH: 27
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: KIT22S primer
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VERIFICATION SUMMARY

DATE: 06/20/2001

PATENT APPLICATION: US/09/450,651A

TIME: 14:18:58

Input Set : A:\09450,651SeqList.txt

Output Set: N:\CRF3\06202001\I450651A.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date